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INFORMATION REPORT

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SUBJECT Electric Power Projects Included in
the Five-Year Plan

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SUPPLEMENT TO
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The following electric power projects are included in the Five-Year Plan:

1. Construction of a new connecting plant with an output of 350t/h steam, generating 50,000 KW, at Lauta.
2. Reconstruction of a power station at Trattendorf, using either the old one (about 180 KW), or the new one, which was 60 per cent completed in 1945 and has a capacity of 150,000 KW.
3. Extension of the Saxony power stations. Details are unknown.
4. Construction of a new connection plant of 70,000 KW at Zschornowitz.
5. Construction of hydro-electric power stations on the upper Saale, and the reconstruction of the Hohenwarthe station.
6. Replacement of the dismantled 15 KW turbine, two boilers and high-voltage cable net at Peenemünde power station.
7. Construction of a 100 KV double line from Lauta to Wildau (Berlin).
8. Alterations of the high-voltage cable net in order to by-pass the Western Sectors of Berlin and to strengthen the links between the Russian Sector of Berlin power stations and the Russian Zone zonal high-voltage net. It was originally estimated by the Hauptabteilung Energie that these projects would require six million DM, but this sum is now considered insufficient. Work has not yet started, mainly because suitable switches and transformers are lacking. The following measures will be taken:
 - a. Transferring the high-voltage double lines, Magdeburg-Brandenburg-Spandau (West Berlin) and Zschornowitz-Brandenburg-Spandau, both carrying 100 KV, into Hennigsdorf power station, and from there into the Russian Zone high-voltage net of Energiebezirk Nord.
 - b. Tapping the Hennigsdorf-Strausberg line, avoiding the French Sector of Berlin at Lindenberg and constructing from there a double line to the 100 KV switching station at Friedrichsfelde.

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9. Construction of a link to the Upper Silesia coal fields. This link existed until 1945, but was completely dismantled. It formerly joined the present Russian Zone net at Lautz.
10. Construction of a new 220 KV north-south link, running from Boehlen-Espenhain-Berlin.
11. Erection of a power storage plant (60,000 KW) at Usadel, Land Mecklenburg, and reconstruction of the dismantled storage plant, Niederwartha, near Dresden, (formerly 70,000 KW).
12. The following enumerates minor alterations, replacements and enlargements at these power stations:
 - a. Potsdam - to receive one new boiler (in addition to its present three), raising its output by 4,000 KW.
 - b. Finow - to receive two new boilers (in addition to its present eight), increasing the output by 10,000 KW.
 - c. Bramow (Rostock) - to receive one new boiler (in addition to its present three), increasing its output by 4,000 KW.
 - d. Lautz - to receive two new boilers (in addition to its present twenty-six), increasing its output by 10,000 KW, if two turbines are fitted with new blades.
 - e. Hirschfelde - to receive one complete 20,000 KW set of turbines from the Chemnitz power station.
 - f. The "new" boilers for the Potsdam, Finow, Bramow and Lautz plants, are, in fact, old ones from the Finkenheerd power station, and the work on this transfer was started in 1949 contrary to the advice of experts. It was soon obvious that all the boiler drums were cracked, and consequently unserviceable. New boiler drums are to be obtained from Western Germany.
13. At Gross-Kayna, Halle-Trotha, Gispersleben, Erfurt, Breitung, Kulwitz, and Finkenheerd, as well as at some of the brown coal briquette factory power stations, alterations are being made with a view to adjusting the proper relationship between boiler and turbine output, and vice versa, in order to increase production.
14. The goal for the total electric power production in the Russian Zone on completion of the Five Year Plan is 2,200,000 KW. These requirements can only be met if equipment and current are imported from abroad. Large sums of foreign currency would be needed, and as this is already in short supply, it is doubtful whether funds will be available.

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